

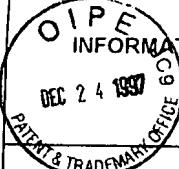
<p style="text-align: center;">O P INFORMATION DISCLOSURE STATEMENT BY APPLICANT DEC 24 1997</p> <p style="text-align: center;">U.S. PATENT DOCUMENTS</p>				Docket: 4830-45053		Ser: 08/649,419	
				Applicant: Geoffrey B. Rhoads			
				Filed: 5/16/96		Group: 2317	
Init.*	Number	Date	Name	Class	Sub	Filed	
	5,568,570	10/22/96	Rabbani	—	—	9/30/94	
	5,541,741	7/20/96	Suzuki	—	—	9/25/92	
	5,532,920	7/2/96	Hartnick et al.	—	—	12/28/94	
	5,530,759	1/25/96	Braudaway et al.	—	—	11/30/93	
	5,524,936	6/11/96	Kunt et al.	—	—	5/26/93	
	5,515,081	5/7/96	Vasilik	—	—	11/30/93	
	5,499,294	3/12/96	Friedman	—	—	5/24/95	
	5,488,664	1/30/96	Shamir	—	—	4/22/94	
	5,479,168	12/26/95	Johnson et al.	—	—		
	5,473,631	12/5/95	Moses	—	—		
	5,469,506	11/21/95	Berson	—	—		
	5,450,490	9/12/95	Jensen et al.	—	—		
	5,446,273	8/29/95	Leslie	—	—		
	5,432,870	7/11/95	Schwartz	—	—		
	5,428,607	6/27/95	Hiller et al.	—	—		
	5,422,995	6/6/95	Aoki et al.	—	—		
	5,422,963	6/6/95	Chen et al.	—	—		
	5,408,542	4/18/95	Callahan	—	—		
	5,404,377	4/4/95	Moses	—	—		
	5,398,283	3/14/95	Virga	—	—		
	5,396,559	3/7/95	McGrew	—	—		
	5,394,274	2/28/95	Kahn				
	5,379,345	1/3/95	Greenberg	—	—		
✓	5,351,302	9/27/94	Leighton et al.	—	—		
✓	5,337,362	8/9/94	Gormish et al.	—	—		
EXAMINER: <i>J. B. Rhoads</i>				DATE: 2-17-98			
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O I P E INFORMATION DISCLOSURE STATEMENT DEC 24 1997 BY APPLICANT <small>PATENTS & TRADEMARKS SIDE 60</small>				Docket: 4830-45053	Ser: 08/649,419		
				Applicant: Geoffrey B. Rhoads			
				Filed: 5/16/96		Group: 2317	
U.S. PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
		5,325,167	6/28/94	Melen	—	—	
		5,319,735	6/7/94	Preuss et al.	—	—	
		5,319,724	6/7/94	Blonstein et al.	—	—	
		5,319,453	6/7/94	Copriviza	—	—	
		5,315,098	5/24/94	Tow	—	—	
		5,305,400	4/19/94	Butera	—	—	
		5,299,019	3/29/94	Pack et al.	—	—	
		5,295,203	3/15/94	Krause et al.	—	—	
		5,293,399	3/8/94	Hefti	—	—	
		5,280,537	1/18/94	Sugiyama et al.	—	—	
		5,267,334	11/30/93	Normille et al.	—	—	
		5,259,025	11/2/93	Monroe	—	—	
		5,257,199	10/26/93	Funada et al.	—	—	
		5,253,078	10/12/93	Balkanski et al.	—	—	
		5,245,329	9/14/93	Gokcebay	—	—	
		5,243,423	9/7/93	DeJean et al.	—	—	
		5,228,056	7/13/93	Schilling	—	—	
		5,213,337	5/25/93	Sherman	—	—	
		5,212,551	5/18/93	Conanan	—	—	
		5,200,822	4/6/93	Bronfin et al.	—	—	
		5,199,081	3/30/93	Saito et al.	—	—	
		5,185,736	2/9/93	Tyrrell et al.	—	—	
		5,181,786	1/26/93	Hujink	—	—	
		5,166,676	11/24/92	Milheiser	—	—	
		5,161,210	11/3/92	Druyvesteyn et al.	—	—	
		5,150,409	9/22/92	Elsner	—	—	
		5,148,498	9/15/92	Resnikoff et al.	—	—	
EXAMINER: <i>J. L. L. G.</i>				DATE: 2-19-98			
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U.S. PATENT DOCUMENTS									
Init.*		Number	Date	Name		Class	Sub	Filed	
		5,144,660	9/1/92	Rose		—	—		
		5,113,437	5/12/92	Best		—	—		
		5,095,196	3/10/92	Miyata		—	—		
		5,079,648	1/7/92	Maufe		—	—		
		5,077,795	12/31/91	Rourke et al.		—	—		
		5,073,899	12/17/91	Collier et al.		—	—		
		5,063,446	11/5/91	Gibson		—	—		
		5,036,513	7/30/91	Greenblatt		—	—		
		5,027,401	6/25/91	Soltesz		—	—		
		5,010,405	4/23/91	Schreiber et al.		—	—		
		4,996,530	7/26/91	Hilton		—	—		
		4,993,068	2/12/91	Piosenka		—	—		
		4,979,210	12/18/90	Nagata et al.		—	—		
		4,972,476	11/20/90	Nathans		—	—		
		4,972,471	11/20/90	Gross et al.		—	—		
		4,969,041	11/6/90	O'Grady et al.		—	—		
		4,967,273	10/30/90	Greenberg		—	—		
		4,965,827	10/23/90	McDonald		—	—		
		4,963,998	10/16/90	Maufe		—	—		
		4,944,036	7/24/90	Hyatt		—	—		
		4,943,976	7/24/90	Ishigaki		—	—		
		4,943,973	7/24/90	Werner		—	—		
		4,941,150	7/10/90	Iwasaki		—	—		
		4,939,615	7/3/90	Adelson		—	—		
		4,921,278	5/1/90	Shiang et al.		—	—		
		4,908,873	3/13/90	Philibert et al.		—	—		
		4,908,836	3/13/90	Rushforth et al.		—	—		
EXAMINER: <i>Geoffrey B. Rhoads</i>				DATE: 2-19-98					
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U.S. PATENT DOCUMENTS							
Init.*	Number	Date	Name	Class	Sub	Filed	
	4,903,301	2/20/90	Kondo et al.				
	4,884,139	11/28/89	Pommier				
	4,879,747	11/7/89	Leighton et al.				
	4,876,617	10/24/89	Best et al.				
	4,874,936	10/17/89	Chandler et al.				
	4,866,771	9/12/89	Bain				
	4,864,618	9/5/89	Wright et al.				
	4,835,517	5/30/89	van der Gracht et al.				
	4,820,912	4/11/89	Samyn				
	4,811,408	3/7/89	Goldman				
	4,811,357	3/7/89	Betts et al.				
	4,807,031	2/21/89	Broughton et al.				
	4,805,020	2/14/89	Greenberg				
	4,776,013	10/4/88	Kafri et al.				
	4,775,901	10/4/88	Nakano				
	4,765,656	8/23/88	Becker et al.				
	4,750,173	6/7/88	Blüthgen				
	4,739,377	4/19/88	Allen				
	4,718,106	1/5/88	Weinblatt				
	4,712,103	12/8/87	Gotanda				
	4,703,476	10/27/87	Howard				
	4,682,794	7/28/87	Margolin				
	4,677,435	6/30/87	Cause D'Aggraives et al.				
	4,675,746	6/23/87	Tetrick et al.				
	4,672,605	6/9/87	Hustig et al.				
EXAMINER: <i>Geoffrey B. Rhoads</i>				DATE: 7.19.98			
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<p style="text-align: center;">O INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">DEC 24 1997</p> <p style="text-align: center;">PATENT & TRADEMARK OFFICE 601</p>				Docket: 4830-45053		Ser: 08/649,419	
				Applicant: Geoffrey B. Rhoads			
				Filed: 5/16/96		Group: 2317	
U.S. PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
		4,665,431	5/12/87	Cooper	—	—	
		4,663,518	5/5/87	Borrer et al.	—	—	
		4,660,221	4/21/87	Dlugos	—	—	
		4,654,867	3/31/87	Labedz et al.	—	—	
		4,637,051	1/13/87	Clark	—	—	
		4,595,950	6/17/86	Löfberg	—	—	
		4,590,366	5/20/86	Rothjell	—	—	
		4,547,804	10/15/85	Greenberg	—	—	
		4,553,261	11/10/85	Froessl	—	—	
		4,532,508	7/30/85	Ruell	—	—	
		4,528,588	7/9/85	Löfberg	—	—	
		4,476/468	10/9/84	Goldman	—	—	
		4,425,642	1/10/84	Moses et al.	—	—	
		4,423,415	12/27/83	Goldman	—	—	
		4,395,600	7/26/83	Lundy et al.	—	—	
		4,389,671	6/21/83	Posner et al.	—	—	
		4,379,947	4/12/83	Warner	—	—	
		4,313,197	1/26/82	Maxemchuk	—	—	
		4,252,995	2/24/81	Schmidt et al.	—	—	
		4,238,849	12/9/80	Gassmann	—	—	
		4,231,113	10/28/80	Blasbalg	—	—	
		4,230,990	10/28/90	Lert, Jr. et al.	—	—	
		4,225,967	9/30/80	Miwa et al.	—	—	
		3,984,624	10/5/76	Waggener	—	—	
		3,971,917	7/27/76	Maddox et al.	—	—	
EXAMINER: <i>Geoffrey B. Rhoads</i>				DATE: 2-17-98			
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 <small>DEC 24 1990</small> <small>PATENT & TRADEMARK OFFICE 60</small>	Docket: 4830-45053	Ser: 08/649,419
	Applicant: Geoffrey B. Rhoads	
	Filed: 5/16/96	Group: 2317

U.S. PATENT DOCUMENTS

Init.*	Number	Date	Name	Class	Sub	Filed
	3,922,074	11/25/75	Ikegami et al.	—	—	
	3,914,877	10/28/75	Hines	—	—	
	3,838,444	9/24/74	Loughlin et al.	—	—	
	3,809,806	5/7/74	Walker et al.	—	—	
	3,805,238	4/16/74	Rothfjell	—	—	
	3,703,628	11/21/72	Philipson, Jr.	—	—	
	3,655,162	5/23/72	Yamamoto et al.	—	—	
PB	3,569,619	3/9/71	Simjian	—	—	

FOREIGN PATENT DOCUMENTS

Number	Date	Country	Class	Sub
05/242217	9/21/93	Japan	—	—
4-248771	9/4/92	Japan	—	—
8-30759	2/2/96	Japan	—	—
2,204,984	11/23/88	U.K.	—	—
2,196,167	4/20/88	U.K.	—	—
2,063,018A	5/28/81	U.K.	—	—
2,067,871	7/30/81	U.K.	—	—
705 025 A2	4/3/96	EPC	—	—
650 146 A1	4/26/95	EPC	—	—
649 074 A1	4/19/95	EPC	—	—
629 972	12/21/94	EPC	—	—
605 208 A2	7/6/94	EPC	—	—
581 317	2/2/94	EPC	—	—
551 016 A1	2/2/94	EPC	—	—
493 091	7/1/92	EPC	—	—
441 702	8/14/91	EPC	—	—
411 232	2/6/91	EPC	—	—
372 601	6/13/90	EPC	—	—

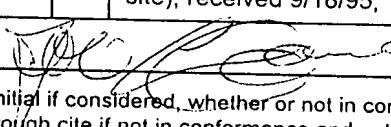
EXAMINER: *Geoffrey B. Rhoads*

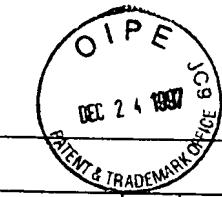
DATE: 2-17-98

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FOREIGN PATENT DOCUMENTS							
		Number	Date	Country	Class	Sub	
		058 482	8/25/82	EPC			
		3806411	9/7/89	Germany			
		WO89/08915	9/21/89	PCT			
		WO95/10835	4/20/95	PCT (Japan)			
		WO95/20291	7/27/95	PCT			
		WO95/14289	5/26/95	PCT			
		WO96/27259	9/6/96	PCT			
		WO96/26494	8/29/96	PCT			
		WO93/25038	12/9/93	PCT			
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		Komatsu et al., "Authentication System Using Concealed Image in Telematics," <u>Memoirs of the School of Science & Engineering</u> , Waseda Univ., No. 52, 1988, pp. 45-60.					
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<p>Kassam, <u>Signal Detection in Non-Gaussian Noise</u>, Dowden & Culver, 1988, pp. 1-96.</p>				
<p>Brassil et al., "Electronic Marking and Identification Techniques to Discourage Document Copying, <u>Proceedings of INFOCOM '94 Conference on Computer</u>, IEEE Commun. Soc Conference, June 12-16, 1994, pp. 1278-1287.</p>				
<p>Jain, "Image Coding Via a Nearest Neighbors Image Model," <u>IEEE Transactions on Communications</u>, Vol. COM-23, No. 3, March 1975, pp. 318-331.</p>				
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<p>Bender et al., "Techniques for Data Hiding," Massachusetts Institute of Technology, Media Laboratory, January 1995, 10 pages.</p>				
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<p>EXAMINER: <i>JAC</i> [Signature]</p>			<p>DATE: 19. 01</p>	
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<p>"Access Control and COpyright Protection for Images, WorkPackage 8: Watermarking," June 30, 1995, 46 pages.</p>				
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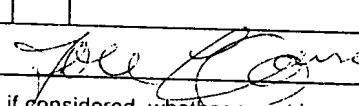
Applicant: Geoffrey B. Rhoads

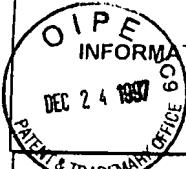
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Group: 2317

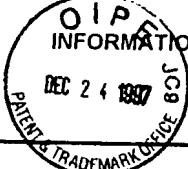
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